

# Children's Newspaper

Every Wednesday—Threepence

FOUNDED BY ARTHUR MEE

No. 1845, July 31, 1954

## BATTLE WITH A FROZEN SEA

**Australian expedition fights darkness and hurricanes in Antarctica**

*The CN has already reported the establishment of an Australian base on part of the Antarctic Continent called MacRobertson Land—a scientific and weather station consisting of a few huts at Mawson Harbour. Now comes news that, setting out from here, four members of the Australian expedition have had desperate adventures in making a reconnaissance across frozen sea.*

THE object of the reconnaissance was to make geological and other scientific observations of a 1200-foot mass of rock called the Scullin monolith, which stands 100 miles east of Mawson. The explorers were five weeks travelling 200 miles, but they are back at their base, little the worse, after fighting cold, darkness, hurricanes, and cracking ice.

The hardy four set out well-prepared, as they thought, against the terrors of the Antarctic winter. They travelled in four weasels, special tracked vehicles, and took two sledge caravans. They carried three tons of petrol, rations for five months in case they were stranded,

and an emergency man-hauling sledge packed with a tent and supplies.

They wound their way cautiously among the imprisoned icebergs looming up in the moonlight from the frozen plain. There is little daylight at this season in the Far South, and for most of the time the sky was hung with the strange and beautiful pattern of the Aurora Australis.

### BRIDGING ICE-CRACKS

They had to keep a sharp lookout for wide cracks in the ice, across which they built timber bridges. When they approached the Scullin monolith, winds of hurricane force sprang up, clouds hid the Moon and pitch darkness prevailed. A bridge they had put across a gap was blown off its mountings onto one of the caravans.

Driving near the coastline with their headlights on they wanted to get ashore and were looking for somewhere to land their vehicles. But everywhere cliffs 1000 feet high rose sheer, and they were forced to camp on the frozen sea.

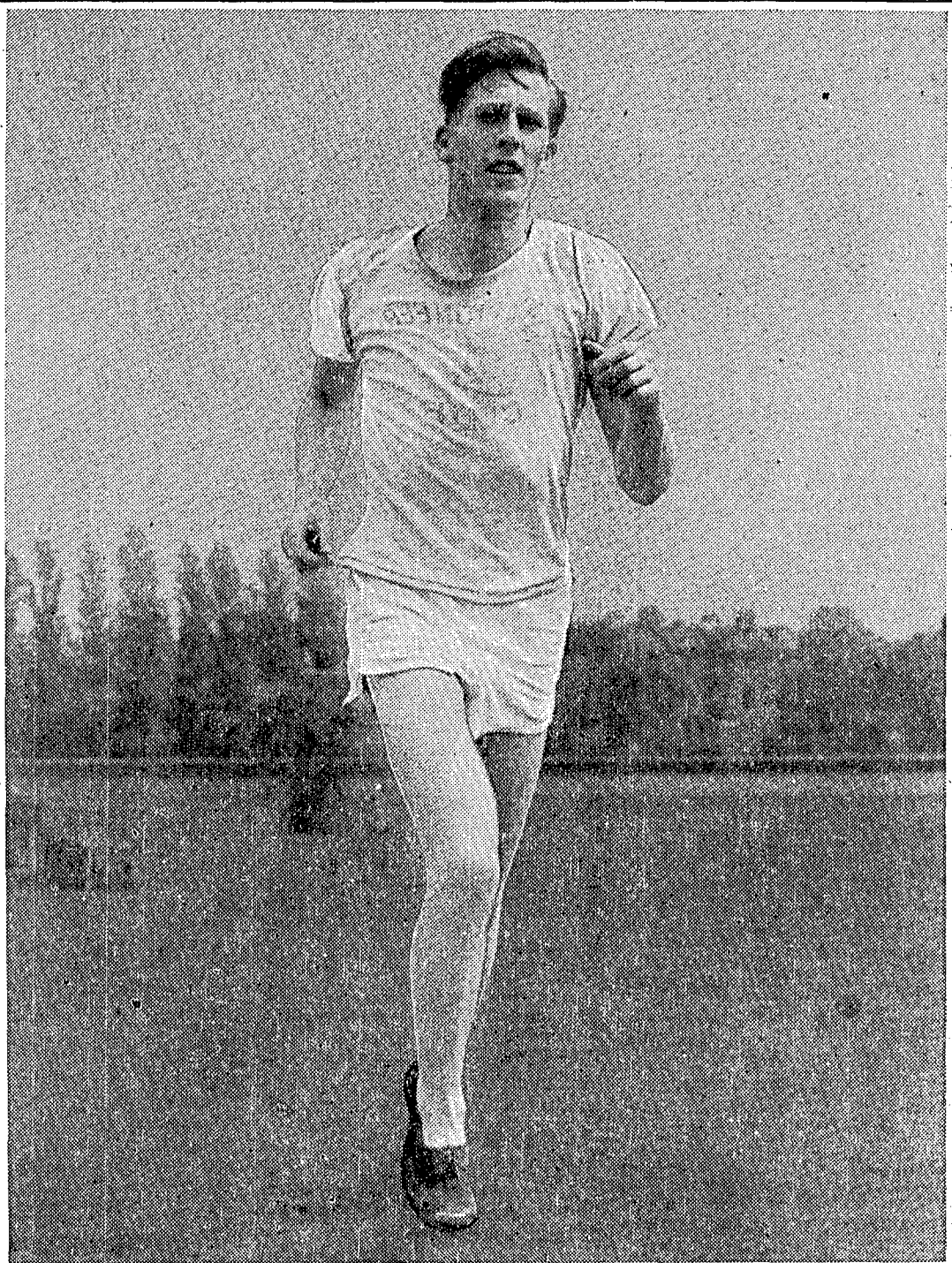
### WEASEL SINKS

The hurricane increased in force and even weasel sledges loaded with over a ton of petrol were blown about. When the brief daylight came the explorers saw ominous cracks appearing in the ice about them. Then they found a space of twenty feet of dangerously broken ice between them and the beach. One of their weasels went through a crack and sank, but they managed to tie a caravan containing their emergency rations to a pinnacle of ice ashore.

The leader of the party, Mr. Robert Dovers, says: "How we held on there under that destructive wind will always be a mystery. Exposure was now taking its effect on all of us, and to make matters worse a large hole was smashed in the hull of the caravan. As we would not have been able to survive the night ashore, we went out to the caravan, which was tied to the land."

For three weeks the explorers lived in this caravan, trying to salvage their equipment and make

*Continued on page 2*



## Dr Bannister

Roger Bannister, first man to run a mile in four minutes, has just become a fully qualified doctor. He is competing at the Empire Games which begin at Vancouver on Saturday. See article on page 5

### BRIEF FREEDOM

A giant tortoise, Goliath by name, escaped unobserved from a Zurich circus and slowly made its way across a busy street.

Traffic was held up as it crossed the roadway. But a boy ran to tell the circus proprietor and soon four men were surrounding the runaway.

Gently they carried it back to the circus. Goliath's crowded hour had ended!

## 7 YEARS' SUM IN 15 MINUTES

An American writer says that the year 1954 might be known as the one that ushered in the era of cybernetics.

This word has been invented to describe the branch of science concerned with creating machines which can imitate many functions of the human brain. Among these amazing machines is one that is able to translate from one language to another.

There is also an electronic computer used in jet development problems. In fifteen minutes it goes through eight million mathematical calculations and produces an answer which would take a mathematician seven years to work out.

## BETSY UNAFRAID

Twelve-year-old Betsy Le Roux saw a snake gliding towards her baby brother in the backyard of their home at Prieska, South Africa. She grabbed up a sharp-edged stone and threw it at the snake, striking it on the head.

The snake turned on her, and Betsy took up a huge rock and hit it on the head again.

Her father, hearing the noise, came out to find that she had killed a venomous puff adder.

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## PENGUIN ISLAND

Penguins are the playmates of Robert and Jennifer Kenniford, children of one of the lighthouse keepers on Dassen Island, near Cape Town.

Between now and the end of next April no penguin eggs may be collected, writes a CN correspondent, and during this period several million penguins will roost on Dassen Island.

The birds are not permitted to wander all over the island, but are kept close to shore and the rocks by means of a low wall running right round the island.

Last year 12,000 penguin eggs were exported from the island to South Africa, and annually about 400 tons of guano is collected there. Penguin eggs sell at about 8s. a dozen.

## FREE TAXI RIDE

Jock, a dog who lives in Broom-spring Lane, Sheffield, is fond of a taxi ride. So every afternoon he goes nearly a mile to the city centre, at Fitzalan Square, where there is a taxi rank. He is a friend of all the drivers, and seeks a ride by wagging his tail and waiting for one to take him home. When a driver gets a fare which takes him in the direction of Jock's home, along Glossop road, Jock is put aboard, and sits beside the driver's seat during the journey.

Then he is content to be at home—until the next day!



# THE YOUNG KINGDOM OF LIBYA

C N Diplomatic Correspondent

THE United Kingdom of Libya has received from Britain a significant acknowledgment of her progress and influence in the Middle East.

This new African monarchy's diplomatic mission in London has been accorded the status of Embassy, and Britain's own Minister in Libya becomes an Ambassador. They are appointments paying tribute to Libya's increasing importance.

Libya became an independent sovereign State on Christmas Eve, 1951.

But, despite much progress under gentle, mild-mannered King Idris, her development proceeds only with difficulty.

More than three times the size of France, with a population of a little over a million, Libya's chief problem is one of administration.

King Idris—the monarch chosen by the people when the United Nations agreed that this former Italian colony should have her independence—found that he had four governments to supervise his country.

There was the main Federal Government, and the subsidiary administrations in the three provinces of Tripolitania, Cyrenaica, and the Fezzan.

## HELP FROM ABROAD

As there were comparatively few administrators with experience, officials from other countries were lent to Libya. British and American aid was also arranged.

Egypt, too, has shown a keen interest in her North African neighbour—which Libya welcomes, provided her independence is not prejudiced.

The chief pre-occupation of King Idris is the integrity of his country and her ability to maintain self-rule. Certainly no ruler could display more selfless devotion and resolution than the founder of the new Libyan dynasty.

## BATTLE WITH A FROZEN SEA

Continued from page 1

scientific observations on the monolith.

A few days before their departure there sprang up the most appalling wind they had ever experienced.

"Harvey and I, asleep in the weasel cabin," says Mr. Dovers, "awoke to find it blown over to one side. Not greatly disturbed, we collected ourselves and our sleeping-bags, intending to join Storer (the radio operator) and Stinear (the geologist) in the caravan, which was attached to the weasel by a steel trap. We heard a faint cry for help through the roaring blizzard, and discovered the caravan blown over, trapping the men inside!"

Formerly the Emir of Cyrenaica and leader of the Senussi religious sect, he resisted the tyranny of the Fascist regime for over 30 years.

As a descendant of the founder of the Arab Senussi movement, known for its devout character, Sayyed Idris was a religious leader. He became head of the Senussi as long ago as 1916.

Within six years the Fascist intruders in his country had broken the agreements he had made with Italy over her expansion in Libya.

He was driven into exile that lasted for more than 20 years, living in near-poverty for much of that time in a small house on the edge of the Egyptian desert, near Cairo.

## FRIEND OF BRITAIN

Shortly after war broke out in 1939 he ranged his Senussi Arab followers on the side of the British. His house became the headquarters of this alliance, which helped to defeat the Fascists and Nazis in the desert.

Victory and a new throne did not change Sayyed Idris. It was just the beginning of the next phase in his efforts to lead his country to true freedom.

The kindly-voiced king with the quiet smile still preferred to live with his wife in a small house in the country.

As king, however, he discards the simple Arab *jerd* which is the common toga-like dress of the Libyans and whenever the occasion demands he willingly wears the dark green robe and the hooded cloak of the authority his people have given him.

The problems that confront all new nations are being tackled boldly by King Idris and his youthful Kingdom of Libya. Undoubtedly they deserve all the help that other nations can give.

Finally the caravan was righted and the four slept in it. Next they had to decide whether to try to remain at the monolith until September, when they would be rescued by a ship from the base, or to return through the broken ice. They elected to chance the ice. In the only remaining weasel they reached the base in six days, often fighting their way through winds of 70 m.p.h. And when at last they were safely "home," the poor surviving weasel unaccountably caught fire in its parking ground and was burnt out!

Truly the days of exploring adventure are not over, and there are still regions whose secrets can only be disclosed by the toughest and most daring spirits.



By the C N Press Gallery Correspondent

WITH Parliament in recess our M.P.s will be able to stretch their legs and—in so far as their constituency duties allow—take some well-deserved relaxation.

Many of them will combine business with pleasure abroad. Our Ministers' duties continue whether Parliament is sitting or not. Some of the Ministers—such as Mr. Butler, Chancellor of the Exchequer—have engagements abroad.

The most spectacular "family party" of parliamentary tourists is, of course, the mission led by Mr. Attlee to China. The Leader of the Opposition and his colleagues are to spend some three weeks surveying conditions in Communist China.

Afterwards Mr. Attlee will fly to Australia and New Zealand. He is also going to Canada this year.

SOME M.P.s will be in Central Africa on September 10, when the Mace, referred to in last week's C.N., is presented on behalf of the House of Commons to the Legislature of the new Federation of Rhodesia and Nyasaland.

The design of this Mace is based on that of the House of Commons, though it will embody the arms of the Federation and contain certain other motifs distinctive of Central African life.

Already the robes which were used by the famous Speaker Brand between 1872 and 1884 are worn by the Speaker of the Federal Assembly, another gift which symbolises the emergence of that Legislature as an offspring of the Mother of Parliaments.

Speaker Brand is distinguished in history for his remarkable power of control of what proved to be some of the stormiest Parliaments in our history. It was a time of trouble between Britain and Ireland when the agitation for Home Rule was at its height.

During that period the Speaker evolved the rule which has been handed down to us as the closure—a means of bringing debates to an end provided those who move this course have the support of at least 100 M.P.s.

WHO remembers the Road Traffic Act of 1934? There is every reason for not forgetting it, for it brought in three great reforms.

The first was the Belisha Crossing, called after the then Minister of Transport who, as Lord Hore-Belisha, now sits in the House of Peers. The second was the taking of a driving test before a licence could be obtained. The third was the 30 m.p.h. speed limit.

As a result of that one Act alone there was a reduction of 10,000 in the road casualty figures for the next 12 months. Mr. Hugh Molson, Parliamentary Secretary to the Ministry of Transport, said recently that the 1934 figure of 239,000 casualties has never since been reached.

## News from Everywhere

### BIG MESSAGE

Americans living in Mexico City sent President Eisenhower a message appealing for more Americans to visit them. To make sure that the message was not overlooked, it was put on a card six feet long.

Excavations at Caerleon, Monmouthshire, have revealed remains of a substantial stone building which is believed to have been part of a large civil settlement attached to the Roman fortress there.

New Zealanders spend more than half as much on ice cream every year as they do on bread, says their Minister of Industries and Commerce.

### VILLAGE VOLUNTEERS

Volunteers are building halls in seven Suffolk villages and are waiting permission to begin work in six other villages.

A new school at Harwich, Essex, is to be equipped with a ship's deck, bridge, and other nautical equipment to encourage boys to take up seamanship as a career.

Some 120 East German boys from refugee camps are arriving in London on Sunday for a three-week stay as guests of Scouts. They will spend part of their stay in the homes of their hosts and part of it in camp with Scout troops.

Life-boats of the Royal National Life-Boat Institution rescued 208 people during the first six months of this year.

Clitheroe Royal Grammar School, Lancashire, has celebrated its 400th anniversary. Old Boys have given it a new library to mark the great occasion.

### CRACK SHOTS

In a recent shooting match at Bisley nine competitors each hit the bull from 200 yards ten times out of ten shots.

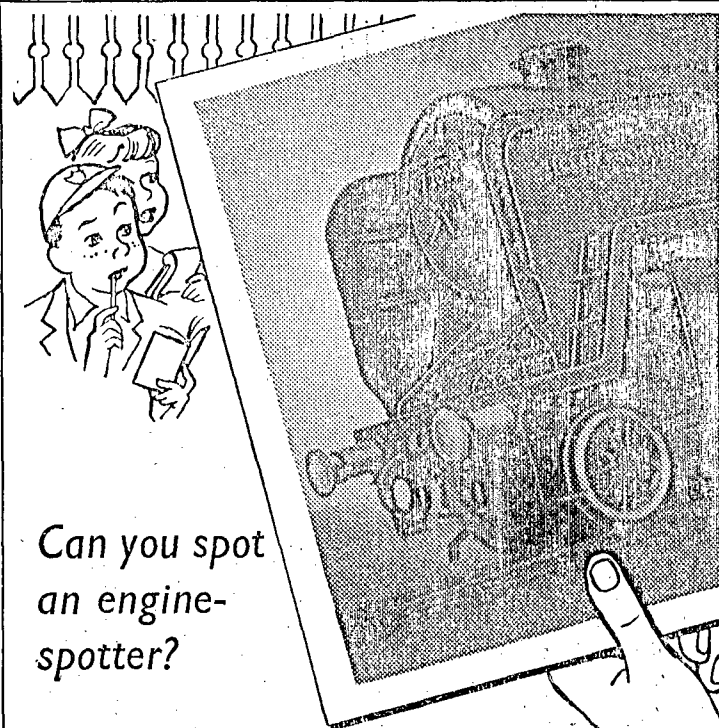
A squirrel was seen sitting on the top of the sign outside an inn on the Whitby-Guisborough road—a mile from the nearest woodland.

Nine new schools were opened at a single ceremony at St. Paul's Cray, Kent. Eight were on a local estate and the other at nearby St. Mary Cray.

### FISHING FEATS

Fishing for mackerel at Yarmouth, Isle of Wight, Mr. Gerald Hayward caught a five-foot shark; and fishing in the Hungerford Canal, Berkshire, nine-year-old Keith Francis landed a 5½-lb. tench, one of the biggest specimens to be caught so far this year.

In a new bid to check locust invasions, check points have been erected throughout Northern Rhodesia from which farmers can wire reports of threatening swarms.



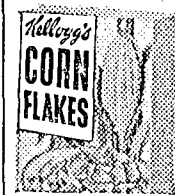
Can you spot an engine-spotter?

YOU can spot an engine-spotter on most railway platforms throughout Britain. Engine-spotters are those bright boys and girls with little notebooks who hang around railway stations spotting all the different kinds of British engines.

Really expert engine-spotters don't just go by the numbers on the engines—they recognize the "look" of the

engines and know them at a distance. You can be an expert engine-spotter if you collect the new series of Kellogg's Corn Flakes Back Panels—a series of splendid colour prints of British locomotives with descriptions of each one shown.

Ask your mum to buy Kellogg's Corn Flakes regularly so you can collect this wonderful new series.



ENGINE-SPOTTERS!

Get cracking on *Kellogg's*



## HARNESSING THE SUN'S RAYS

Engineers at the Consolidated Vultee Aircraft Corporation, San Diego, California, are using one of the largest solar furnaces in the world to help them develop heat-resisting materials suitable for use in the ultra-fast planes and guided missiles which we may all be using tomorrow.

The sun's rays are collected by a six-foot diameter polished aluminium mirror which focuses a beam of solar heat on a point little more than a quarter-of-an-inch in diameter.

The resultant heat exceeds by far the hottest blow torch or electric furnace. Steel bolts melt like butter, and even firebricks—used to line powerful furnaces—crack and crumble within a few seconds.

Convair engineers say that with ideal sky conditions the furnace can develop a maximum of 8500 degrees Fahrenheit. Heat produced by an oxy-acetylene blowtorch is about 5800 degrees. Iron melts at 2800 degrees, tungsten at 6100 degrees, and graphite—the supreme heat-resisting material—disappears into a vapour at just over 6000 degrees.

To overcome haze and clouds, which occasionally impair the efficiency of the furnace, Convair are planning to move it to the top of a nearby mountain.

## FIRST SOLAR BATTERY

An amazing electric battery which uses sunlight as fuel has been designed in America by the Bell Telephone Company.

Though still in early stages of development, the solar battery can generate enough power to run toys or transmit voices for short distances over wires.

The secret of the battery lies in the behaviour of specially treated strips of wafer-thin silicon about the size of safety razor blades.

Extremely sensitive to light, these blades are linked together electrically and can deliver power from the sun at the rate of 50 watts per square yard of surface.

## HE PAINTS WITH HIS FINGERS

Many visitors to the Imperial Institute, South Kensington, have been fascinated by an exhibition, open till Monday, August 2, of Chinese finger-painting.

The artist is Wu Tsai Yen, of Singapore, who is believed to be the only one in the world who still devotes himself entirely to this



ancient Chinese method of painting. Most of the work is done with his right forefinger, and he paints on scrolls in the classical style of the Orient. The colours are prepared by the artist's wife, seen with him in our picture.

## PAGEANT AT THE PALACE

Two animals and a bird had important parts to play in the pageant of Bishopsthorpe, the ancient palace of the Archbishop, just outside York.

A greengrocer's horse was used in an incident showing Archbishop Scrope carried to execution. A spaniel took the part of the one presented to Archbishop Neile's wife by Charles I when he visited Bishopsthorpe in the seventeenth century. And a goose waddled about on the steps of Bishopsthorpe to symbolise the hardship which arose from the enclosing of common land in 1796. It was a local complaint that the enclosures took away all the feeding places for the people's geese.

## MODEL PLANES IN THE NORTH

Three-in-a-circle team racing by model planes will be one of the events in the first Northern Model Flying Gala, which is being held at Croft Airport, near Darlington, on August 1 and 2.

The latest jets and other speed models will fly at well over 100 m.p.h. and some of the little planes will carry four-ounce "pilots."

Another exciting feature is the United Kingdom Challenge Match for teams from England, Scotland, Wales, and Northern Ireland, which was first held in 1951 and has been narrowly won each year by England.

## SCOTTISH BOAT FOR CANADIAN SALMON

The first Scottish-built fishing boat to be exported to North America has been shipped from Glasgow to Vancouver. It is 32 feet long and has been bought by British Columbia Packers, Ltd., for salmon fishing. They have named the boat after the Fife village of St. Monance, where it was built.

The Canadian company believe that this Scottish type of vessel could be used advantageously in Canadian salmon rivers, and great interest is being shown in the new boat in Western Canada.

## 3000 MILES TO READ A BOOK

A man recently travelled more than 3000 miles from his home in Canada to read a book—a rare volume in the library at Grays, Essex.

The book is The Burning of Goliath in which are references to his father, Thomas William Norris, who was officer of the watch in the vessel Brigantine, when it was destroyed by fire with the loss of many lives on December 22, 1875.

For five years before the fire Brigantine was moored off Grays.

## NEW TENANT FOR WORDSWORTH HOUSE

The new tenant of Wordsworth House at Cockermouth, selected by the National Trust from more than 100 applicants, is Mrs. Philip Harley, of Bramcote, Notts. She is a descendant of General Wolfe, conqueror of Quebec.

Mrs. Harley, who will pay a rent of £50 a year, plus £86 in rates, plans to furnish the rooms in early Georgian style to conform with the architecture of the house. The lease has been granted for ten years.

## 650 LORD MAYORS

New stained glass windows at the London Guildhall bear the names of the 650 Lord Mayors of London since 1192.

The cost of the windows is £10,566, out of a total for rebuilding the Guildhall, of £239,416. The designer of the new windows, Mr. Liddall Armitage, has also designed windows in Glasgow Cathedral and Newfoundland Cathedral.

## Tiny and Baby



Tiny, the Californian sea-lion, proudly introduces her new baby to visitors at the London Zoo.

## NESTING CATS

Cats cannot fly, but that is no reason why they should not build nests, and two readers have written to tell us of cats that have done so.

One is Tibby, a black-and-white farm cat of Southam, in Warwickshire.

She is apparently a haughty cat; she will not associate with the other farm cats, and by building a nest high up in a tree and having her kittens there she was able to look down on them in every sense.

But the farmer climbed the tree and brought her and her four kittens into his house, and there his four-year-old daughter has been caring for the little family since.

The other tree-nesting cat is Rose, living on a farm near Doncaster. The other day she gave birth to five kittens in a poplar tree, 25 feet above the ground.

## CAMPERS WATCH FILM-MAKERS

During the next week or two Boy Scouts or Girl Guides camping in the grounds of Powerscourt House, near Dublin, will be able to get a close-up view of the making of a film.

By permission of Viscount Powerscourt, Chief Commissioner of the Boy Scouts of Ireland, the estate and house are being used in making Captain Lightfoot, an adventurous story of highwaymen.

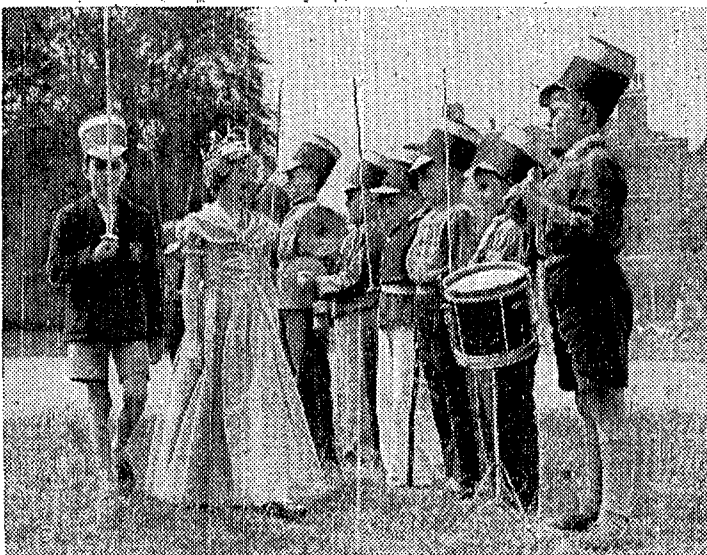
Scenes have already been filmed inside several parts of the 105-roomed house, including the magnificent salon where George IV dined in 1821. The salon was used for a ballroom scene with 150 players.

Other scenes have been filmed near the waterfalls, which are among the highest in the British Isles.

## LIFE WITH THE LIONESS

Winning the affection of an almost fully-grown lioness is not easy. It needs great patience. Day by day the lioness has to be taught to have confidence in the trainer.

Sometimes, of course, there is an accident, but the trainer must go on until the lioness knows it does not have to fight for its food or defend its cage. Read how Sandra the Lioness was tamed in Life With A Lioness, now appearing in WORLD DIGEST, on sale everywhere, price 1s. 6d.



## Inspecting the guards

Children of Southmead Primary School at Wimbledon, Surrey, recently presented a play during a school concert. In one scene, shown here, the eight-year-old Fairy Queen, Carol Edwards, accompanied by Captain of the Guards Jackie Wood, inspects a Guard of Honour of Toy Soldiers.

Mars are always top of the bill with me! Vic Oliver

Stars love Mars because—

# Mars are marvellous!

Goody! Goody! says Vic Oliver when Mars are on the bill—for delicious, mouth-watering Mars are his favourite sweet-treats. Mars, agrees Vic, are always marvellous! Still the biggest chocolate sweet-treat.... still only 5d.

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## CAMERA CORNER

Continuing our series of articles by an expert to help young photographers to get better results.

### 18. Seaside Photography (2)

WITHOUT sun beach photographs are unthinkable, but the sun must be in the right position. It is best when well up and to one side of the subject. This will give some shadows which help to make a three-dimensional effect and avoid any blinding glare.

We all know those pictures taken with the sun behind the camera and with the subject screwing up his eyes. This is absolutely unnecessary with modern fast films; although it was essential with the slow plates of the 19th century. The lighting produced is very flat and the resulting prints are usually uninteresting.

It is also advisable to avoid taking photographs in the hours around midday, when the sun shines directly overhead with great power.

### HALO OF LIGHT

Some very interesting pictures can be taken with the sun at the back of the subject. These "against-the-light" photographs are only possible if you have a hood on your lens to prevent the sun shining directly in. These pictures show the subject standing out from the background and often surrounded by a halo of light.

The effect is very lovely, but to avoid a silhouette, you must see that some light is reflected on to the near side. This is well worth

a trial when you have had a little practice.

Excessive contrast is a great nuisance and this occurs when very light and very dark objects are included in the same picture. Brilliant sunshine creates great contrast by accentuating light objects and casting deep shadows. This causes the print to show a crowd of black and white patches, without greys and with no detail.

The problem is to keep the contrast low and retain the sparkle of sunshine. This can be done if you take pictures when the sun is accompanied by a few light clouds, which help to diffuse the light.

### AVOIDING DISTORTION

It is best to use a medium speed Panchromatic film which is sensitive to light of all colours. This is very important when the sun is low in the sky and there is less blue in daylight. Under these conditions a Pan film is much faster than an Ortho, even though their speeds are identical nearer mid-day.

When taking photographs of someone sitting or lying down, remember the demon of distortion. The camera will always exaggerate the size of the nearest objects and it only sees with one eye. You should try to help the camera by taking pictures with the main parts of the subject the same distance from the lens. W. S. S.

## MACHINE TO LIFT POTATOES

Success is now being claimed for a potato harvester invented by a British engineer, Mr. J. P. Packman.

Towed by a tractor, this machine ploughs up the potatoes in their chunks of earth, and then separates them from clods and stones by means of riddles, a long carpet separator, and other equipment.

It is claimed that the new harvester can deal with 2½ to 3 acres of potatoes a day, at one-third the cost of lifting them by hand. Some 50 of them will be ready for this year's potato harvest.

### SET PIECE

A film set longer than an average football pitch is to be built in Egypt for a new Technicolor film of The Ten Commandments.

This huge construction, which is as high as a 12-storey building, will represent the city walls and gates of Tunis in Biblical times.



### Water tractor

A new type of vessel was demonstrated at London's Victoria Docks recently. Designed as an all-purpose tug, it showed great stability and power while towing, and rapid reaction to changes in course and speed. The new vessel, called a water tractor, requires only one man to control it.

## It happened this week

### SCOTLAND MOURNS HER BARD

JULY 25, 1796. DUMFRIES. Crowds of mourners followed the coffin of Robert Burns, who died on July 21 when only 37, through the streets of this town today. The corpse of Scotland's famous poet was carried by uniformed members of the Royal Dumfries Volunteers wearing crêpe on their left arms, and men of the Cinque Port Cavalry and the Angus-shire Fencibles lined the route to the graveside.

The bells of the town's churches tolled as the great funeral procession moved towards the burial ground to the strains of the Dead March in Saul. Volunteers fired three volleys over the grave of their beloved comrade.

It is only ten years this month since the first collection of poems of Robert Burns was printed in Kilmarnock. They were immediately recognised as work of great promise, and were welcomed on every hand.

Today, while the funeral service was in progress, a sixth son was born to his widow.

### ENGLISH TROOPS ROUTED

JULY 27, 1689. PERTH. The forces of William III, marching north under command of General Mackay, were routed today in the Pass of Killiecrankie, 30 miles north of Perth.

But the victory is a sad one for the Scots, for in the battle they lost their gallant leader, Graham of Claverhouse, Viscount Dundee, who had rallied the Highlanders in the cause of James II. He was struck by a ball at the very moment of triumph.

The engagement at Killiecrankie was one of the most brilliant military exploits of Viscount Dundee's military career. By carefully disposing his slender forces and awaiting the precise moment when the English were in the narrow pass he was able to break their ranks with one impetuous cavalry charge and thus put them to flight.

### END OF SPAIN'S ARMADA

JULY 29, 1588. BRUGES. From the port of Nieupoort comes news of further disasters to Spain's so-called "invincible Armada."

Defeated after a week of engagements off the English coast, remnants of it are now drifting to wreckage on the sand dunes of Holland.

The Spanish fleet comprised 130 vessels with 3165 cannon, 8050 sailors, 2000 galley-slaves, and 19,000 soldiers, 1382 noblemen and attendants.

Under command of Lord High Admiral Howard, the English fleet of 80 ships, manned by 9000 of the hardest seamen alive, first engaged the mighty invasion force on July 21. Throughout the days galleon after galleon was sunk, boarded, or driven ashore.

The final English onslaught occurred yesterday when blazing ships were set loose among the demoralised Spanish fleet and completely dispersed it.

ON THE AIR—by Ernest Thomson, our Radio and TV Correspondent

## THROUGH LONDON WITH THE ROVING EAR

TOURING London by roving ear is the latest notion. Producer John Lane has fixed this for Children's Hour on Saturday, when Wynford Vaughan Thomas will set out by bus from Victoria station carrying a portable radio transmitter. On the journey he will call up four well-known broadcasters at places of particular interest.

At St. Paul's he will make radio contact with Audrey Russell, who will describe the magnificent view she has from high up on the



Wynford Vaughan Thomas

Cathedral. Bowling along famous streets past the Bank and Monument, Vaughan Thomas's bus will then cross Tower Bridge, where listeners will hear Alun Williams; then, after Westminster has been reached, John Snagge will be heard in the Abbey recalling Coronation scenes.

Vaughan Thomas will take up the tale again as his bus travels up Whitehall to Piccadilly Circus for an on-the-spot chat by David Lloyd James in the Underground station. The final stage will take listeners along Piccadilly, then past Buckingham Palace, and so back to Victoria.

### Fire!

TELEVISION is to present a documentary next month about Blackpool and its famous Tower. The other day Producer Gil Calder wanted to take smoke bombs to the top of the Tower to film sequences showing the fire which occurred there some years ago.

But at the last moment the smoke bombs were not needed—there was a real fire!

### Concert Party in London

Nor all the concert parties are at the seaside. On Friday evening viewers can watch comedian Leslie Henson, seen here grimacing in front of a BBC Television camera, competing Festival Revels in the Concert Pavilion of the Battersea Pleasure Gardens, London.



### 14 years of music for workers

MUSIC While You Work, the tuneful half-hour programme broadcast every morning in the Home and Light, has just celebrated its 14th birthday. Apart from News and Weather, it is the longest-running series in BBC history. Begun in 1940, it was meant to cheer factory workers during the anxious days of enemy bombing.

Fred Bayco, who produces it, tells me the programme is a constant battle with factory noise. That is why the "dynamic level," as he calls it, is kept even; there are no soft passages, and the melody is kept ringing out loud and clear.

Singers are barred now, because it was found that workers were inclined to stop their jobs and listen!

### Sailing down the river

STAY-AT-HOME viewers can enjoy an afternoon on the river next Saturday. For the first time two TV cameras are to be mounted on a punt on the Upper Thames in Berkshire. The idea is to give peaceful pictures of people sailing, fishing, canoeing, camping, and picnicking.

Commentators Hywel Davies and Stephen Wade will introduce some of them. An expert angler will show what tackle he uses, hoping to land a catch as the cameras are turned on him; two canoeists will demonstrate how to roll in a Kayak canoe; several campers will give hints on what and what not to pack in a punt for a camping expedition.

### School TV

WHEN shall we have school lessons by TV? Not for another four years, according to opinions expressed in BBC circles. A sub-committee of the School Broadcasting Council continues to discuss the idea, but no practical tests have taken place since those at Alexandra Palace two years ago.

I gather there will be no more schools transmissions before a permanent service is inaugurated. Before then the sub-committee must decide on the form of lessons and the best kinds of receiver for use in a classroom.



# The British Empire Games at Vancouver

By JACK CRUMP, Hon. Team Manager of Great Britain's Olympic and International Athletic Teams

WHEN Viscount Alexander opens the British Empire and Commonwealth Games at Vancouver on Friday (July 30), it will be the second occasion on which the Dominion of Canada has acted as host nation for what is the Festival of Sport for the British family of Nations.

Canada's part in the establishment of these great Games has been of tremendous importance. In 1911 an Empire Sports Meeting was held at London's Crystal Palace as part of the Coronation celebrations, and Canada, as the most successful nation, won the special trophy.

In 1928 at Amsterdam, where the Empire's athletes had gathered to compete in the Olympic Games, it was Canada who took the initiative and called a meeting which led to the present British Empire and Commonwealth Games Federation being instituted.

Those first Empire Games, in 1930, were organised at Hamilton, Ontario, and were so successful that it was decided to hold them regularly every four years. They were held in London in 1934, in Sydney in 1938, and in Auckland in 1950.

Great preparations have been going on for four years in the beautiful city in British Columbia. New arenas have been built, and also a special Empire Village, where all the competitors will live. They will eat and train together, compare methods of technique, discuss problems connected with their sport, and above all make friendships which will endure for years. A truly family gathering it will be, with the Duke of Edinburgh present to set the seal on a great occasion.

These British Empire Games have often been termed the British Empire's own Olympic Games. But those who have taken part in both will tell you that the Empire contests are much more enjoyable to the competitors. The Olympics impose a severe strain on the contestants. In these all-British contests the competition is just as keen, but a warmer, friendlier spirit prevails.

But because the atmosphere is so truly friendly, do not think that the Games will be any the less strenuously contested. An Empire title is the ambition of every single competitor, and it will take an extremely good performance to win the small silver gilt medal which is the only prize a winner receives.

Altogether, there will be nine different sporting competitions at Vancouver—track and field athletics, swimming and diving, fencing, boxing, cycling, rowing, weightlifting, wrestling, and bowls. The competitors will come from Europe, Africa, Australasia, Asia, and North America.

The track and field athletics, which are the major interest, will reach a very high standard, but never has England had better athletes, men and women. It looks as if the sprints in the men's and

Eleven countries sent teams to the 1930 Games. This year over 800 competitors from 24 countries will be taking part.

The biggest overseas contingent will come from England—127. The smallest is from Barbados—a weight-lifter and his manager.

The new sports stadium, swimming pool, and cycle track at Vancouver will accommodate respectively 35,000, 6700, and 6000 spectators.

100,000 visitors are expected to watch the Games.

women's sections will again be won by Australia, but 21-year-old Derek Johnson, of East Ham, and Brian Hewson, of Mitcham, have fine chances in the men's 880 yards.

The one-mile is a race which will excite interest throughout the world. In it will meet the two men who have run the distance in less than four minutes—Roger Bannister, of England, and John Landy, of Australia. Other excellent milers will also be concerned but Landy and Bannister are obviously the main pair.

In the three-mile and six-mile events England is very strong. Fred Green, of Birmingham, and Christopher Chataway, of Woking, are the world-record holders, and Frank Sando, of Chatham, and Peter Driver, of London, are also among the world's best. I think Chataway will win the three-miles race and Driver the six-miles.

Jim Peters, who is the English team captain, is expected to win the marathon, and I feel sure he will, although Jack Mekler, of South Africa, is a real danger.

England can also win both men's relays, and Ken Wilmschurst is almost certain to win the hop, step, and jump. The huge Marine Sergeant John Savidge is a likely winner of the weight putt, and Geoffrey Elliott of Wanstead, now serving in the Royal Air Force, is a great English hope in the pole vault.

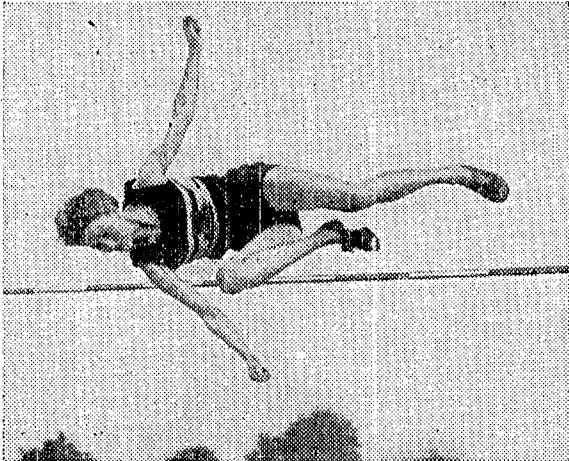
Others who might score victories are Harry Kane, the season's 440-yards hurdling discovery, and Mark Pharaoh, the English discus record holder. Scotland has a likely champion in the hammer-thrower, Dr. Ewan Douglas, but on current form, neither Northern Ireland nor Wales has an obvious winner.

In the women's athletics, England should continue her successful record in the high jump, and Mrs. Dorothy Tyler, of Mitcham, who won in Sydney in 1938 and in Auckland in 1950, has more than a good chance of winning three times in succession. Jean Desforges, England's popular women's athletic team captain, meets an old friend in Yvette Williams, of New Zealand, in the long jump, and this should mean a new Games record.

But with everyone having striven to do his or her best, results really matter little in this friendliest, happiest of all big international sporting festivals.



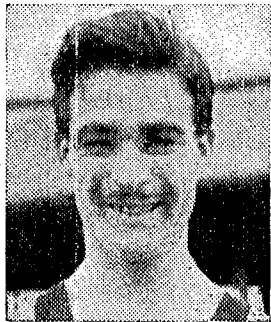
Jean Desforges, captain of England's women athletes



Dorothy Tyler, in the Empire Games for the third time



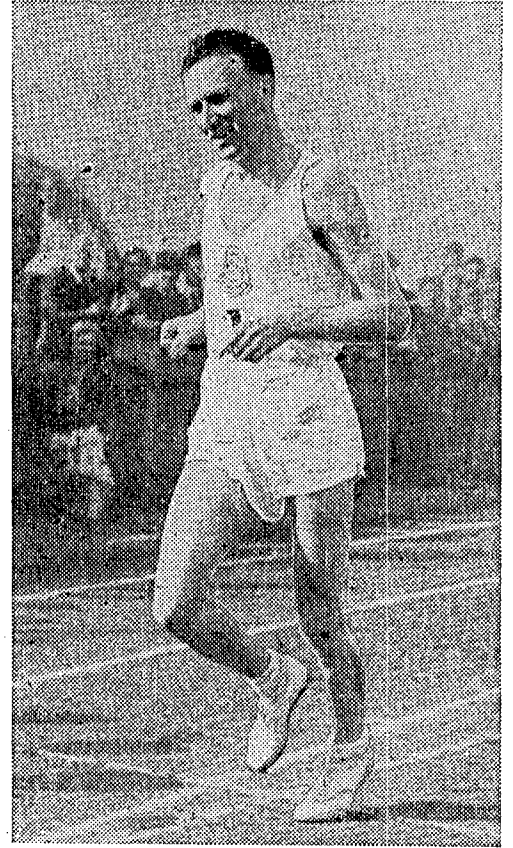
John Landy of Australia the world's fastest miler



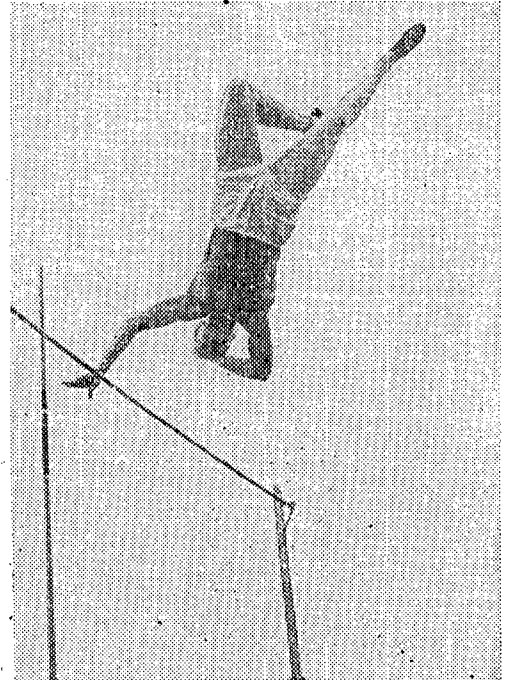
Fred Green, joint holder of the world three-miles record



Roger Bannister, Chris Chataway, and Chris Brasher



Jim Peters, captain of England's athletes



Geoffrey Elliott, our leading pole-vaulter



John Savidge, the giant weight-putter



# Children's Newspaper

John Carpenter House  
Whitefriars · London · EC4  
JULY 31 ..... 1954

## PRAISE FOR THE DUTCH

HOLLAND'S complete recovery from the widespread flood damage has obscured her less spectacular but far greater recovery after the devastation of war. Her great achievement has been stressed in a tribute paid in a monthly report of the U.S. Federal Reserve Board, the biggest bank in America.

Holland lost almost one-third of her national wealth during the war; her merchant fleet was halved; there was a serious decline in her overseas investments.

But in the face of all these setbacks her people rolled up their sleeves and bravely tackled the task of putting their house in order once again.

How well they have succeeded is reflected in the marked rise in Holland's industrial production in the past two years, and in her present sound financial position.

Valiant in war, Holland has shown herself no less valiant in tackling her post-war problems.

## OPPORTUNITY

TENS of thousands of British boys and girls are going abroad this summer; the School Travel Service alone has arranged tours for 4500 on the Continent.

They all have an opportunity to make their holiday much more than an exciting adventure. They have an opportunity to give others a good impression of the youth of their own country, and thus to foster international friendship.

Foreign travel rakes out the weeds of prejudice and misunderstanding from the minds of visitors and visited.



## Under the Editor's Table

PETER PUCK  
WANTS TO  
KNOW

If French polishers  
shine at their  
job

People eat more chocolate than they used to. Though much of it is barred.

If you want to succeed you must be interested in people. And make them interested in you.

## 1000 PENGUINS

THE 1000th Penguin Book is being published on Friday, July 30, exactly 19 years after the first; and it is a pleasing coincidence that the author of the 1000th is the man who designed the cover of the first.

That first Penguin was a distinguished book (Ariel, by André Maurois). No less distinguished is the newcomer, One of Our Submarines. Published at 2s. 6d., it is by Commander Edward Young, D.S.O., D.S.C., the first Royal Naval Volunteer Reserve officer to command a submarine during the Second World War. This account of his adventures has been acclaimed as the best sea-story of the war.

Penguin Books have proved a happy and successful venture. In 19 years they have established themselves in our lives; indeed there can be few British homes without a small collection of these attractive little books.

Offering our congratulations on a fine achievement, we say to Penguin Books: Good luck as you go forward to 2000!

## There are limits

FREEDOM is in our blood but—a Yorkshire council decided recently that the keeping of cockroaches in a council house could not be allowed.

True, they were needed for scientific research but the council decided that this made no difference so far as they were concerned. The tenant and his cockroaches, therefore, had to leave. He took them away in a taxi.

## Thirty Years Ago

From the Children's Newspaper,  
August 2, 1924

A VERY promising study in modern wireless is the effect that lightning flashes have upon atmospherics.

Professor Elihu Thomson, the inventor of electric welding, told us the other day that while listening-in he had noticed that the flashes of lightning from a distant storm coincided with the crack of the atmospherics in the telephones. Just before a flash the signals faded, but slowly came back after it.

Our increasing knowledge of the electrical structure of matter might in time lead to the production of electrical current direct from the rays of the Sun.

[See page 3]

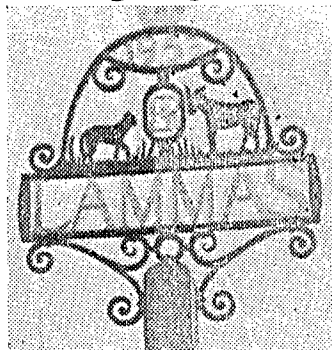
# The Editor's Table

## Black marks for these bookmarks

SOME people use strange bookmarks.

On view at an exhibition organised by the Stafford Libraries were these items found in books returned by borrowers: a bicycle brake-block, a hairgrip and a hair-curler, a packet of saccharine tablets, a collar stud, a packet of lighter-flints, a penny, and—strangest of all—a rasher of uncooked bacon!

## Village signs—21



The village sign at Lammas, in Norfolk. Lammas Day, the festival of the wheat harvest, is on Sunday, August 1.

## Turn the tap and be grateful

How many of us remember to be grateful when, at a turn of a tap, we get an unending supply of good water?

In a recent report it was stated that the rural district of East Ashford, Kent, has piped water in over 80 per cent of its houses; and this has reminded a CN reader in the district of the "old" days (not so long ago) when most villages depended on wells, pumps, springs, and rain-tanks.

"Water was a worry," she says. "We were either trying to keep it out of the house, or getting rid of it without drains, or we were drawing, pumping, and carrying to get it in. Every time I turn my tap I am thankful."

All of us who are able to turn a tap should be grateful, remembering that there are still many people in this country who have to get water the hard way.

## Think on These Things

THROUGH words we speak to others, we get to know others, learn from others. Through words we show our character, reveal the sort of persons we really are.

Jesus is spoken of in the opening chapter of the Gospel of St. John, as "the Word of God." It is through Jesus that God shows His character, that God speaks to us.

"And the Word became flesh, and dwelt among us (and we beheld His glory, the glory as of the only begotten from the Father), full of grace and truth."

Jesus is God's word to us. In Him we see the glory of God.  
O. R. C.

## SIMPLE, REALLY

THE following story of a young boy trying to explain the game of cricket to an American tourist appeared in the Hammer-smith News Sheet and Diary.

"You have two sides, one out in the field, one in. Each man on the side that's in goes out, and when he's out he comes in and the next man goes in until he's out.

"When they are all out, the side that's been out in the field comes in, and the side that's been in goes out and tries to get out those coming in. Sometimes you get men still in and not out.

"Then when both sides have been in and out . . . including not outs, that's the end of the game. Now do you see?"

## The Rose

A ROSE, as fair as ever saw the North,  
Grew in a little garden all alone;  
A sweeter flower did Nature  
ne'er put forth,  
Nor fairer garden yet was never known:

The maidens danced about it  
morn and noon,  
And learned bards of it their  
ditties made;  
The nimble fairies by the pale-  
faced moon  
Water'd the root and kiss'd her  
pretty shade.

But well-a-day!—the gardener  
careless grew;  
The maids and fairies both were  
kept away,  
And in a drought the caterpillars  
threw  
Themselves upon the bud and  
every spray.  
God shield the stock! If heaven  
send no supplies,  
The fairest blossom of the  
garden dies.

William Browne (1591-1643)

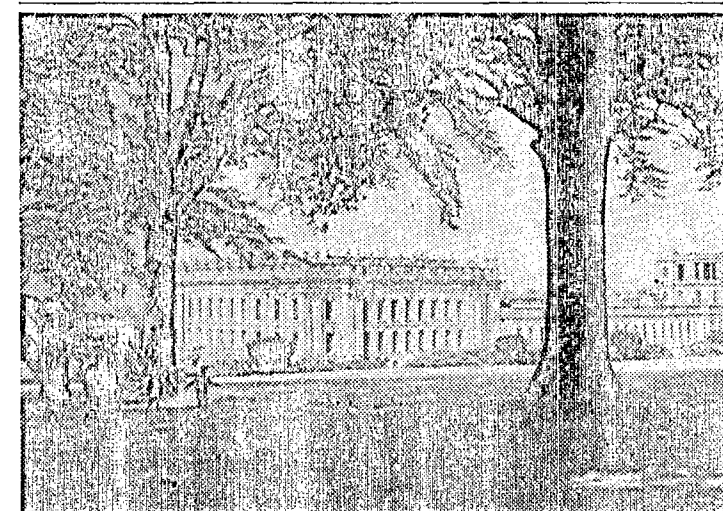
## HOW TO BE CONTENT

The more humble a man is in himself, and the more subject unto God, so much the more prudent shall he be in all his affairs; and enjoy greater peace and quiet of heart.

Thomas à Kempis

## JUST AN IDEA

A good life is more important than a good living.



OUR HOMELAND

National Heritage—Chatsworth House, Derbyshire

## THEY SAY . . .

THE spirit we need today cannot be cultivated in the comfort and security of our homes, nor in reading novels, or going to the cinema, but only by living hard and dangerously. We need the spirit that sent early explorers into the unknown, casting away all security.

Sir John Hunt

ON the fundamentals which unite the United States and Britain there is not, and has not at any time, been any real division.

Mr. Winthrop W. Aldrich, the American Ambassador

I BELIEVE that it is a good thing that people should have the greatest possible freedom to spend their own money as they wish.

Mr. John Boyd-Carpenter, M.P., Financial Secretary to the Treasury

IF murdering the English language was a capital offence, there would be a long queue for the gallows.

Judge Tudor Rees

WE are still the greatest seafaring race in the world and whatever new inventions may come along, we intend to remain so.

First Lord of the Admiralty

THE time when there will be an all-electronic factory with the sole occupant, the managing director, controlling a multitude of push buttons is still far distant.

Mr. G. T. Baker, of British Telecommunication Research

## Out and About

THE Painted Lady is one of the more brilliant of the butterflies. But it is a summer visitor only; it flies here, often in huge numbers, all the way from North Africa and lays eggs on thistle plants, the leaves of which have been feeding its small pale green caterpillars.

These have turned, or are turning, into chrysalids from which a new generation of Painted Ladies will emerge before the end of the summer. But the caterpillars from their eggs will not be able to turn into chrysalids because of our climate.

There will be no more of them until next summer's Painted Ladies arrive from Africa.

C. D. D.



# BOOKS FOR THE HOLIDAYS

## MOUNTAIN EPIC

*Our Everest Adventure*, by Sir John Hunt (Brockhampton Press, 12s. 6d.)

IN his foreword, Sir John Hunt writes: "I had always hoped that we, who lived among those mountains and whose memories will ever bear the imprint of that experience, would be able to share the events of last summer with all those others who waited breathless as the climax drew near. That is what has been attempted in this book."

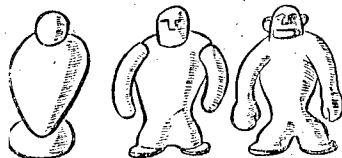
There can be no denying that the attempt has succeeded. The epic of the conquest of the world's highest peak is told here in the leader's own words, side by side with more than 150 photographs, many of which have never been published before. Beautifully produced, it is a book that should have a place in every British home.

## LIFE IN ALASKA

*Hidden Harbour*, by Kathrene Pinkerton (The Bodley Head, 9s. 6d.)

PEOPLE who dwell in the wilds often yearn for city streets as much as city-dwellers yearn for the wilds, and we can see things from their point of view in this realistic yarn. It tells of a family living beside an inlet on the coast of Alaska.

Excitement mounts when their boat contracts dry rot, and it begins to look as though they will have to take their philosophical father's advice and "live like the Indians." A thrilling book for older boys and girls.



One of the many helpful drawings in *Your Book of Modelling*, written and illustrated by Roger Lewis (Faber, 5s. 6d.)

## ETERNAL CITY

*John and Mary in Rome*, by Grace James (Frederick Muller, 9s. 6d.)

ALL who have already met that lively pair, John and Mary, will welcome this new yarn about their visit to Rome. Having spent most of their lives in the quiet village of Smockfarthing, they are amazed at everything in the Eternal City. Younger readers will get a vivid impression of Rome by going there with John and Mary.

## STIRRING EVENTS

*Tales of the Midlands*, by Kathleen Fidler (Lutterworth Press, 7s. 6d.)

HERE are chapters told anew by an author who knows how to hold a young reader's interest. The great heart of England has a rich heritage, and it is stirringly revealed in these tales of men like Robin Hood, Josiah Wedgwood, and Jeffery Hudson, the dwarf who fought for Charles I.

## QUEER CREATURES

*Carrimore Casile*, by Meta Mayne Reid (Faber and Faber, 8s. 6d.)

BATS in empty castles are what one might expect, but bats that are malevolent, and can talk are decidedly hair raising. But like

the Irish children in this tale, you can take comfort from the wise old cat which also talks and, though it treats young people as mere kittens, can also work magic. A delightfully whimsical story.

## HOSPITAL NURSE

*Young Nurse Carter*, by Shirley Darbyshire (Chatto & Windus, 7s. 6d.)

THE career of a girl who decides to take up nursing and trains in a great London hospital, is here followed in the form of an attractive story based on fact. This is the first of a series of novels designed to help young people in choosing a career.



A graphic illustration from *The Train That Never Came Back*, by Freeman Hubbard and Kurt Wiese (The Bodley Head, 7s. 6d.)

## IN ROMAN ENGLAND

*Legions of the Eagle*, by Henry Treece (The Bodley Head, 9s. 6d.)

IN his first children's book, the novelist and poet, Henry Treece, draws an exciting picture of a tremendous event in our rough island story—the Roman invasion of A.D. 43. We are there with Gwydion, a brave son of a Colchester chieftain, who is captured by the invaders after the great Battle of Camulodunum! A stirring tale of stirring times!

## LAKELAND ADVENTURE

*The Beresfords in Tarnale*, by Peter Lethbridge (Brockhampton Press, 6s. 6d.)

ON holiday on the West Coast of Lancashire, the four young Beresfords find a farmer lying unconscious in an old tower. He had apparently been attacked by a man they had seen hurrying away as they arrived.

The farmer tells of threats, and of thefts from his fields of lilies-of-the-valley, so the Beresfords decide to do a little detective work on their own. But they need the help of two good friends and a cabin cruiser, plus many policemen, before they solve the mystery.

## PRAIRIE TOWN

*Mounted Police Patrol*, by Roderick Haig-Brown (Collins, 8s. 6d.)

BROUGHT up in the back streets of Toronto, 15-year-old Davie Sloane was quite convinced that he would not like living in a small prairie town with his uncle, an officer in the Mounted Police.

But Davie soon finds that with the right friends life can be just as exciting in a small town as in a big city.

## IN THE ALPS

*Danger Mountain*, by Patrick Pringle (Hutchinson, 7s. 6d.)

ON READERS who enjoyed this story of the Alps as a serial will be glad to know that it has now been published in book form.

A fine present for a boy or girl who loves a yarn!

## FREIGHTER VOYAGE

*Cargoes of the Great Lakes*, by Marie McPhedran, with illustrations by Dorothy Ivens (Harrap, 10s. 6d.)

"Is it a lake—or an ocean?" asks John, the young cousin of the author, as they sail in a freighter across the blue waters of 300-mile-long Lake Superior.

In this book we can sail with them 2000 miles on the Great Lakes—Superior, Michigan, Huron, Erie, Ontario—all the way from the heart of North America to the Atlantic.

And a fascinating voyage it is, for the author has a lively way of imparting information about the ships and ports, the cargoes and docks, and other wonders to be seen on this great waterway of the west.

## TRAVELLER'S GUIDE

*The Map Unfolds*, by Cyril Midgley, M.Sc. (A. Wheaton and Company, Exeter, 3s.)

ACCURATE map-reading is a key to happy days of rambling, cycling, and exploration away from the beaten track, but like other good things, it cannot be acquired all at once.

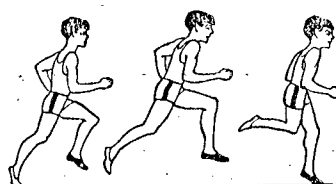
Mr. Midgley's well-illustrated, easy-to-follow little book provides a useful course in map-study for Scouts, Guides, Youth Clubs, and Youth Hostellers.

## HERE THEY ARE AGAIN!

*Susan, Bill, and the Ivy-Clad Oak*, by Malcolm Saville (Nelson, 3s. 6d.)

THIS is the second of the adventures of Susan and Bill and their young friends.

They are ordinary children doing ordinary things—but how exciting they make those ordinary things, and what fun they have! Malcolm Saville has magic in his pen!



Guidance in running—from *Athletics for Boys and Girls*, by Joseph Edmundson and Charles R. E. Barnup (Bell 10s.)

## RECOMMENDED BOOKS

THE ADVENTURE OF WHALING, by Frank Crisp (Macmillan, 6s. 6d.)

THE STORY OF THE WORLD'S POLICE, by Richard Harrison (Phoenix, 12s. 6d.)

TEACH YOURSELF SEAMANSHIP, by T. F. Wickham (English Universities Press, 6s.)

THE CHILDREN'S BOOK OF GAMES, PUZZLES, AND PAST-TIMES (Odhams, 8s. 6d.)

THE YOUTH CLUB BOOK OF RECREATION—games and competitions—by E. M. R. Burgess (Brown, Son and Ferguson, 8s. 6d.)

TEACHING THROUGH PLAY—A teacher's handbook on games, by Leslie Daiken (Pitman, 8s. 6d.)

COME SEA-FISHING WITH ME, by Richard Arnold (Muller, 9s. 6d.)

FABLES OF AESOP, a new translation by S. A. Handford (Penguin Books, 2s. 6d.)

SHAKESPEARE AND HIS STAGE, by Marchette Chute (University of London Press, 6s.)

BIRD SPOTTING—BOOKS I-IV, by John Holland (Blandford Press, 2s. 6d.)

# Something new in cars



Two new ideas in car design which have been introduced recently are seen in these pictures. Above: an egg-shaped car, designed by a Frenchman, has a body of plexiglass, is powered by an engine of 215 cc, and weighs little more than a hundredweight. Below: a two-seater car with roof-top accommodation for a glider. It was built by Mr. William Manuel of Chertsey, Surrey, to carry his radio-controlled model, with its 11-foot span, to the flying grounds.



# SWISS CHILDREN'S HERITAGE

Sunday, August 1, is the Swiss National Day—a day of great importance to Switzerland, for then she celebrates the foundation of her liberty and independence.

For hundreds of years it has been the custom to light bonfires all over Switzerland on the night of August 1, and there are also fireworks displays. The biggest bonfire is lighted on a little field called the Rütli, which lies high above the Lake of Lucerne.

The Rütli is a very special spot for it was here that Switzerland was born. Its history goes back to the 13th century when the Swiss were being badly treated by their powerful neighbours. On August 1, 1291, three Swiss peasants from the Cantons of Uri, Schwyz, and Unterwalden met secretly at dead of night on the Rütli.

## CHARTER OF FREEDOM

Here they made a pact that these three little Cantons would unite against all oppressors in an Everlasting League—a kind of charter of freedom, something like our Magna Carta.

That charter was the foundation of the Switzerland which we know today. Every year on August 1 it is taken from the archives and read to the people.

The Rütli field is one of the

most treasured possessions of the Swiss people, yet it belongs to the Swiss children! They saved for a long time to buy it and raised money among themselves in all kinds of ways. Every schoolchild in Switzerland contributed something, and when they had collected enough money the Swiss government agreed to sell them the Rütli field. It was handed over to the children of Switzerland for all time.

## LITTLE GREEN MEADOW

And so on Sunday hundreds of Swiss children will be climbing up the steep path that leads from the Lake of Lucerne to the little Rütli field. It is a very simple place. There is no great memorial or statue to be seen—just a little green meadow shaded by trees and flanked on one side by a wall from which three streams are trickling. A quaint old chalet stands in one corner and beside it is a flagstaff from which flies the Swiss national flag.

In the middle of the field is piled a huge bonfire, and as the children set it afire it blazes up into the sky proclaiming, not only Switzerland's freedom, but the fact that the Rütli, the birthplace of Switzerland, is the proud inheritance of her schoolchildren forever.



## SHE BRINGS HEALTH TO 360 MILLIONS

An American woman, courageous, industrious, and intensely loyal to her profession, is doing one of the hardest and most satisfying jobs in the world today. Dr. Estella Ford Warner is devoting her time to improving the health of India's 360 million people.

Only a short time ago she returned to India as head of America's largest medical assistance programme under the Foreign Operations Administration. This year she will distribute for medical assistance about £2,500,000 from the Foreign Operations Administration funds and another £12,000,000 from the Indian Government.

This great humanitarian, now past her three score years, was chief of the Public Health Division of the F.O.A.'s mission to India, and is now public health adviser to the Indian Government.

### SIGNIFICANT EXAMPLE

Just before she left Washington she told the interesting story of the small Indian village of 500 people who raised 7000 rupees to combat guinea worm pestilence by covering their well and installing a system of pulleys to draw their water.

This, she said, was only a small but very significant example of how India this year would improve and purify its water supply in more than 700,000 rural villages, besides extending malaria control, establishing dispensaries, clinics, and hospitals and training its own doctors, nurses, and midwives.

Dr. Warner has spent most of her adult life improving the health of people, first among Russian refugees in Archangel after the First World War, and later among the American Indians.

Dr. Warner, like many other highly qualified people in the world today, is "going about doing good." But the world may never hear the full story of her wonderful work unless she finds time to put it into a book.

## Steps to Sporting Fame



Few champions of sport can have worked harder for success and remained so modest in triumph than 32-year-old Jaroslav Drobný, who won his first "Wimbledon" this year.



Drobný, son of the head groundsman at Prague's leading tennis courts in pre-war days, was a ball-boy at ten, but started to play when only eight. At 17 he was junior champion of Czechoslovakia.



The same year (1938) "Jarda" made the first of his eleven appearances at Wimbledon. He was the beaten finalist in 1949 and again in 1952. This year he relaxed by fishing from a punt near his Surrey home.



After his victory the 15,000 crowd rose to him. Said the new champion: "Somehow I'm glad I've not won before. This was worth waiting for. I should never have known I had so many friends."

## LONDON'S MOTHS AND WILD PLANTS

London has many naturalists, and wide is the variety of wild flowers, birds, and insects they record each year.

Mr. C. G. M. de Worms has recently recorded, for the London Natural History Society, all the moths found within twenty miles of St. Paul's Cathedral. These include more than 500 of the larger kinds alone.

Since the many wild flowers, like rosebay and ragwort, grew up on the bombed sites in the City, the moths, like the Elephant Hawk and the Cinnebar, whose caterpillars eat their leaves, have become very much commoner in the capital. The use of a mercury-vapour bulb moth-trap in the grounds of London Zoo has revealed over a hundred different species.

Would you be able to recognise a Death's Head, or a Dusky Brocade, if you found them, as other people have, in the City? Some of these "Londoners" might not be noticed except by an entomologist. The crimson Speckled Footman is a migratory visitor. And other beautiful creatures with alarming names are the Scarlet Tigers, which live on the

### Report on Wild Life by the C N Naturalist

Kent side of the river. Leopards you may see around City trees, and the Wormwood Shark which has come to live in town since its food plant, the wormwood, has grown over the ruins.

Hampstead has produced Lobsters you cannot eat, and the Alder Kitten would not play with you. These are but the fascinating names of some London moths.

### SEVERAL HAWKS

The August Thorn lives in Hyde Park and the Lime Hawk and the Poplar Hawk thrive on the trees in the centre of the City. Since the war the handsome Pine Hawk has spread into town from Dorset.

Special attention is also being given to the wild plants of the London area. Two botanists have reported half a dozen species of Comfrey, five of which were introduced from foreign lands. Others have found the Bee Orchid and the Spotted Orchid in abundance in the old sandpits at New Year's Green, in Middlesex.

The famous London Rocket, a

flower associated with The Great Fire of 1666, is gradually spreading westwards from a colony near the Tower of London. A new Handlist of the Plants of the London area, which is being compiled for the London Natural History Society, shows that within 25 miles of St. Paul's there grow three kinds of wild Lettuce, seven wild Mints, ten Bell-flowers or Campanulas, two Heathers, three Gentians, seven Forget-Me-Nots, six Mulleins, and seventeen Veronicas or Speedwells.

The two squirrels found wild in Britain are called red squirrels and grey squirrels, from their general colour, even though grey squirrels have some red on them and red squirrels have a greyish tint in winter. However, to add to the contradiction in terms, there are rare colour varieties of these called black squirrels. Most of these have been dark grey squirrels in some of the woods of Bedfordshire and Hertfordshire. This summer some black "red" squirrels were again found in Cheshire at Hill Bark, near Thurston, and at Heswall, where they have appeared regularly for more than ten years now.

E. H.

## NORWEGIAN RAILWAY CENTENARY

This is the Centenary Year of railways in Norway. A hundred years ago most people thought it quite impossible to build any railways in Norway, which is a long, narrow country, consisting largely of mountains whose coastal valleys have been invaded by the sea to form the famous fiords.

The different areas were almost cut off from each other except by ship, as, for instance, the busy district of West Norway, which was dominated by Bergen and quite cut off by the mountains from the capital.

However, enthusiasts kept stressing the advantages of rail travel, and after Parliamentary approval had been obtained in March 1851 for the construction of the first railway, from Christiania (now Oslo) to Eidsvoll, 42½ miles to the north, a British engineering firm was given the contract.

### STATE TAKES CONTROL

First opened in 1854, this line started a "railway fever" in Norway such as many other countries had experienced. By 1869 nine other small railways with a total of some 250 miles were in being, and from then the State took major control.

Now the Norwegian State Railway system covers 2680 miles of track, nearly 500 miles of it electrified, with further electrification proceeding rapidly. Some points on the track are 3000 and 4000 feet above sea level, while many mountains and rivers have had to be negotiated by some of the deepest and longest tunnels in Europe. A far cry from 1854.

### STOAT AS PET

Sixteen-year-old Derek Battle, of Euston, Suffolk, has a pet stoat. Eight weeks old, and now quite tame, it gambols about the house like a kitten. Its favourite dish is rabbit and milk—with toffees as "dessert."

"Stoaty" as he is called, lives in a specially made burrow which is a fur-lined tunnel in a box.

## THE ADVENTURES OF TOM SAWYER—picture-version of Mark Twain's famous story (11)



On the day of the picnic visit to the caves, Tom and Becky went exploring on their own. They reached a cavern where hordes of bats flocked down, squeaking and darting furiously at their candles. They feared the creatures would put them out, leaving them in pitch darkness, for they had no matches. They fled from the cavern pursued by the bats. To escape them they plunged into every side passage that offered.



Shaking off the bats, they decided to return to the rest of the picnic party. They went through one corridor after another, but could recognise no familiar signs of the caves they had traversed before. Tom shouted to attract attention. The call went echoing down the empty aisles and died out in a faint sound that resembled mocking laughter. "Tom, Tom, we're lost!" cried Becky, bursting into tears.



As they wandered through the labyrinth they lost their sense of time. They seemed to have been in the caves for weeks. But they found a spring, and Tom said they must stay by it, for they were down to their last bit of candle—and they would need water. Then they heard shouts, far away, and realised it was a rescue party! Joyfully they shouted back. But the distant cries became fainter and finally died.



No sounds came again. Tom thought it would be better to explore a little than to sit in despairing idleness. He had a kite line which he tied to a projecting rock. Then he and Becky set out, unwinding the string as they groped along. Suddenly, a human hand holding a candle appeared from behind a rock! Tom gave a glorious shout and instantly the hand was followed by the body it belonged to—Injun Joe's!

Trapped in the caves with murderous Injun Joe, what is to be Tom and Becky's fate? See next week's instalment



# MYSTERY ON THE MOOR

by Garry Hogg

Nessa and Lance Conway are on holiday in the West Country. Walking on the moor they are caught in a mist, and find an isolated, castle-like house, known as Twigg's Folly. At a fair, the children overhear two men plotting something. They recognise the voice of one of the men they had heard before—at Twigg's Folly. Nessa and Lance meet the Young Squire. Later, Lance chases him on an old bicycle.

## 8. A new friend

I WAS so out of breath at first that I could hardly say what I had to say. In the end he stopped me. "Here," he said, "nip into the village shop and get yourself a bottle of pop, or something. Meanwhile, I will trot back to the smithy and pick up your sister and bring her back here. By then perhaps you will have got your breath back. If not, she may be able to tell the tale better!"

On the whole I was glad. I did not want Nessa left out of it, if I could help it. And it was true I was so out of breath that I could hardly even think straight, let alone put my thoughts into words! So I took his advice, and went along to the little shop where we had had that Raspberry Splash after being lost on the moor.

He must have trotted pretty fast back to the smithy, because long before I would have expected him I heard the clip-clop of the mare's hoofs at the far end of the village street. And there they were: Nessa mounted astride in front of the squire, her face the colour of a ripe tomato with excitement.

"Oh, Lance!" she called out before they had come to a halt. "I got my ride after all, see!"

"Had your drink, young man?"

## IN YOUR GARDEN

### 18. Keeping plants healthy

BEFORE the days of chemical sprays and dusts gardeners used to pull out any plant which looked unhealthy. In this way they often prevented the spread of plant pests and diseases.

Nowadays it is not always necessary to be so drastic. Treatment with one of the many insecticides or fungicides which can be bought in the shops will deal with most troubles.

The main thing is to be able to recognise the more common pests and diseases and to have something ready to deal with them right away. Many of them spread at an alarming rate and delay can be fatal.

A syringe or small spray gun will be found very useful for applying most of the chemicals, but a watering-can with a fine rose can be effectively used.

the squire asked, swinging down out of the saddle and most graciously assisting Nessa to alight. "Pop in, then, and order one for your sister. She has had a long ride, and has a long thirst to match!"

She had lemonade this time, on my recommendation: it was more thirst-quenching than the raspberry. The squire had one, too. And then, when we had returned the three glasses, he suggested that we should go off through the village to a place where we could sit and talk and Bess could nibble the grass beneath some trees.

We told him turn and turn about: how we had lost ourselves on the moor when the mist came down; how we had encountered Mr. Benedick after just missing being spotted by some unpleasant sounding men; how we had later heard one of them plotting something with a caravan dweller on the edge of the fairground; how we had listened-in, hoping to discover what was afoot, but had had to make our escape when the man whistled for his dogs.

## Hard thinking

"Just as well that you did, I should imagine," our new friend said grimly. "The average fair-ground dog can be a very ugly customer."

"What do you think it is all about?" Nessa asked. "Lance and I are completely in the dark."

"For the moment, the dark surrounds me, too!" he said. "We shall have to do some hard thinking, the three of us."

"You mean—you will help us?" Nessa said.

"Of course. What was it the caravan owner said to the chap you call Whining-voice? 'There's something fishy, here,' wasn't it?"

"Yes," I said. "And he added: 'I can smell it.'"

We sat in silence for a little while, a silence broken only by the faint breeze in the foliage over our heads, and the occasional scraping of a forefoot from Bess; the chestnut mare, as though to remind us that when we three had finished talking she was ready to go on.

## Division in the camp

"Have you ever been inside Twigg's Folly?" Nessa asked.

"Not for years and years. Not since I was a small boy."

"I should not think it can be a very pleasant place to live in," she went on. "You would feel hemmed in all the time, I should think."

"Especially with those chained dogs snarling and growling away," I added. "Even Whining-voice said he was not happy up there, didn't he?"

"I suspect he had a stronger reason than just the feeling of being hemmed in," said the squire. "No, I imagine there is division in the camp, from what you heard him say."

"Meaning—?"

"Well, though we have not

much to go on, you may remember that your first contact with them showed that Whining-voice was getting the rough edge of someone's tongue."

"I can remember the snarl in the voice of the man down on the ground, when he said: 'Shut up, you fool! D'you want the police on our tracks?'" said Nessa. "Probably that was the leader of the gang."

"Anyway," I added, "he was obviously in a position to tick-off Whining-voice!"

## Recapitulating

"Let's recapitulate, then. Someone is tampering with the overhead power cables, apparently tapping them for the benefit of Twigg's Folly."

"And whoever it is," I took up the tale, "is doing it illegally, or there would not have been that warning about the police."

"One thing I am sure of," Nessa said. "It is not being done at Mr. Benedick's orders. I only met him once, but I'm certain he is not the sort of person who would be mixed up with a gang of crooks."

"Yes, I agree with you, though I have never met him. We can rule out Mr. Benedick all right. From what you told me, I should say he has been thoroughly frightened by whatever is going on."

"Couldn't we just barge in, and see what is going on up there?" I said. "Get a gang together that would be a match for them if there was any rough stuff?"

"Easy, easy, young man! You can't do that sort of thing in England, you know. Even the police must be armed with search-warrants, in the ordinary way. No, we must set about things more circumspectly than that, Lance."

## Impatient

Even when I made the suggestion I knew it was stupid, but somehow the memory of Mr. Benedick, and the ugliness of Whining-voice and Snarling-voice as they spoke to one another in the clammy white moorland mist, and the savage barking of the unseen dogs, all made me feel sort of desperate.

"Isn't there something that we could be doing?" Nessa asked urgently, and I knew from her voice that she was feeling about it very much as I was myself.

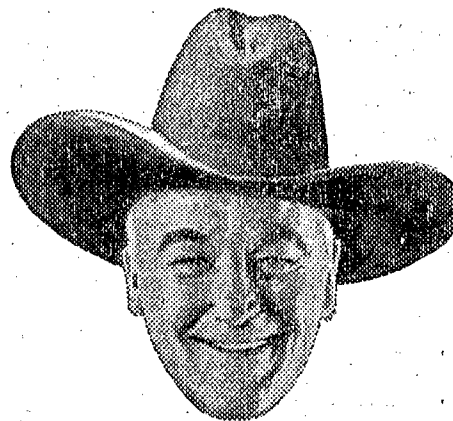
The young man grinned his friendly grin. "It seems to me," he said, "that you have done plenty already. But I do promise you that you won't be left out when things begin to move. It is only fair, after all, that you should be 'in at the kill'!"

"Up at the Folly?" I asked.

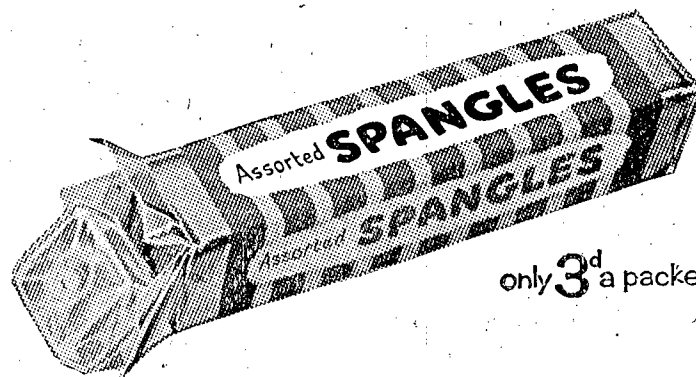
"I don't know. I must do some thinking. And get in touch with one or two people. There is no immediate hurry. Unwittingly, friend Whining-voice has given us a deadline: Friday or Saturday, by his reckoning."

"Whatever that might mean," I said doubtfully.

Continued on page 10



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## MOVEMENTS OF THE PLANETS

By the C.N. Astronomer

THE planets are now much in evidence in both the morning and evening sky, and provide a ceaseless spectacle of change.

Jupiter, which left the evening sky a month ago, has now reappeared in the morning sky, where it may be found low in the north-east before dawn, below the twin stars Castor and Pollux, as indicated in the accompanying star-map.

Mercury may also be seen, just below Jupiter and about four times the Moon's apparent diameter away. It will soon travel to the left, as shown by the arrow indicating its path on the star-map.

Just now Jupiter rises at about 3.30 a.m. and Mercury about 3.45; so, given a clear sky, both planets should be easily visible about half an hour later. As the Sun does not rise at present until nearly 5.30 a.m. there is sufficient time to observe these two brightest "stars of the morning" before the dawn obliterates them.

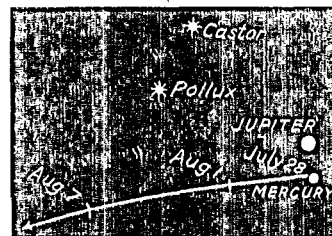
### COMING OF JUPITER

Mercury is rapidly receding from the Earth and in a couple of weeks' time will scarcely be perceptible because of its apparent proximity to the Sun.

Jupiter, however, is coming nearer, and as the weeks pass will reach higher altitudes in the morning sky. At present Jupiter is almost at its farthest from us, about 570 million miles. In three months' time Jupiter will have entered the evening sky and will then appear very much brighter.

Three planets are now present in the evening sky, Mars being still prominent in the south as soon as darkness gathers, while Venus and Saturn are in the south-west. The brilliant silvery Venus

should be looked for as the gathering twilight permits, for it is rather low in the sky and sets soon after 10 o'clock. Saturn is at a much higher altitude and considerably to the left of Venus, so does not set until past 11 o'clock. But as Saturn appears much less bright



than Venus it is not so readily identified.

On the evenings of August 5 and 6, however, Saturn may be seen in the vicinity of the Moon. It will be at a much higher altitude but easily identified because the bright star Spica may be seen some way to the right of Saturn and nearer the horizon.

Venus now appears to be approaching Spica, and will by the end of August pass close above this star and then below it. Thus the peregrinations of Saturn and Venus during the coming weeks will be interesting to note.

Saturn is at present about 915 million miles away and is receding from us. It is, therefore, appearing fainter and in about six weeks' time will become invisible in the evening sky. Venus, by coming nearer, will appear brighter. It is at present about 92 million miles away.

Mars has receded to a distance of about 45 million miles—nearly seven million miles farther off than when at its nearest about a month ago.

G. F. M.

## MYSTERY ON THE MOOR

Continued from page 9

"I'm worried about Mr. Benedick," Nessa said. "I'm sure he is in some sort of trouble, if we could only find out what it is."

"Why don't you go and ask him? I don't see what there is to stop you."

"He seemed anxious to get rid of us the only time we met him," I said.

"For your sake, or for his own?"

Nessa shook her head. "That is just what we don't know."

"Then I should pop along and find out," he said, standing up. He had just glanced at his watch. "Goodness!" he said. "I am late already. Have to hurry." He pulled a slip of paper out of his wallet and scribbled a figure on it.

"Hang on to this. It's my telephone number—just in case you happen to want me in a hurry. You are staying at Furze Cottage, aren't you?" He swung his leg over the saddle, leaving us wondering how on earth he knew that. "Let me know how you go on, up at Twigg's Folly," he called back over his shoulder, and cantered away.

"He means us to go," Nessa said. "Do you think it will be all right?"

"He would have warned us to keep away, otherwise. Probably he realises that it is better for two people like us to go up there and look round than for grown-ups. Less suspicious."

"He certainly knows a lot about what we called the castle," Nessa said. "He was telling me about it as we came along. It is built in what he calls mock-Gothic and is absolutely enormous. But it is not livable in. Only one wing is open; all the rest is closed and shuttered and, he says, probably dying on its feet from dry-rot."

"Let's go and see Mr. Benedick, then," I said. "We will get ourselves 'lost' again on the moor, or call in for a glass of water, or something. And if we go to the main door, and ring, the worst that can happen to us is to be turned away."

"I would feel better about it if we had some sort of an excuse for going," she said doubtfully.

And it was just then that we saw the postman coming along.

To be continued

## SALVATION ARMY GIRLS' CAMP

The Salvation Army organisation for girls, known as The Life Saving Guards, will be holding its first international camp at Sjostrand, in Norway, from August 3 to 13. Some 1000 girls and leaders from 17 countries will attend. They will come from lands as far apart as Indonesia, the Faroe Islands, and Alaska.

The British party of 125 are to travel from Ostend in a specially-chartered train through Belgium, Germany, Denmark, and Sweden, and on the way they will pick up contingents of Belgian, Dutch, Indonesian, and German girls.

All the campers are to have a day in Oslo, where they will be received by the mayor of the city. Princess Astrid is to visit the camp.

An interesting feature of the camp will be the planting of fir trees as an expression of thanks to Norway for the help given. Every Life Saving Guard will work for two or three hours at this, and their efforts will be supervised by a Norwegian forester. It is expected that 50,000 young firs will be planted—a fine memorial to an inspiring occasion.

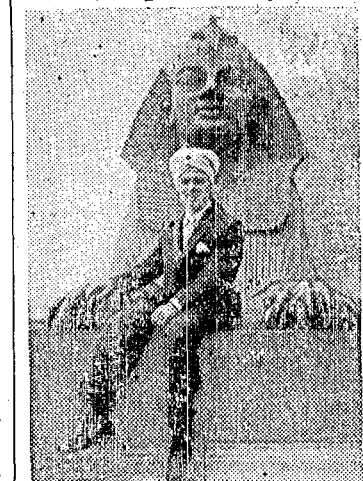
## NO TV ON THURSDAYS

Because TV takes up so much time, people in Russia are given a rest from it on Thursdays, said Sergel Novakosky, deputy director of Moscow TV, the other day. His colleague, Nicolai Skachko, director of the Kiev TV station, said that there are now nine transmitters operating in Russia. They broadcast between five to six hours each weekday except Thursday, and six to eight hours on Sundays.

Programmes are given in the two languages of Russian and Ukrainian, and it is estimated that there are about 700,000 TV sets in homes and community centres.

The problem of getting TV through Russia is just being started on. The vast distances, of course, create special difficulties. Moscow station has a guaranteed range of 70 kilometres (about 43 miles); and Kiev 100 kilometres.

## Elephant boy



Nino Marcel, aged 18, hero of millions of young American TV viewers, plays the part of the elephant boy in the new film Sabaka, which was made in India. While in London for the premiere of the film he visited Cleopatra's Needle on Victoria Embankment, and rested on one of the Sphinxes.



# SPORTS SHORTS

**AUGUST** Bank Holiday weekend is an important one for Ray Dovey, the Kent all-rounder; for he takes a well-earned benefit at Canterbury against Hampshire. Left-arm batsman and right-arm fastish bowler, he made his County debut in 1938, since when he has taken nearly 800 wickets.

**BARRY SLUMAN**, of Battersea County School, was one of the finest goalscorers in English school-boy football last season, and won his international cap. Now he is on the road to making his name in another sport, for he has this season been chosen to play for the South London Schools cricket XI.



Barry Sluman

**WHILE** our leading athletes are in Vancouver, the juniors will be battling for their own titles this weekend, when the A.A.A. Junior Championships are held at Perry Barr, Birmingham. Few countries have more promising young athletes, both in the field and track events.

**NEXT** September George Duckworth, former Lancashire and England wicket-keeper, will be making his fourth trip to Australia. Three times he made the tour as a member of M.C.C. teams, but on this occasion he will be acting as baggage master to the rest of the party, as well as official scorer.

**ALTHOUGH** Vic Gibbons, 32-year-old Brentwood cyclist, was Britain's best all-rounder last year, and has been racing for 14 years, it was only recently that he won his first National title—the 50-mile championship.

**DENNIS SILK**, born in California, will captain Cambridge University cricket XI next season. A fine Rugby player, he is one of only three batsmen to score a century in two successive Varsity cricket matches.

**BRUCE DOOLAND**, the 30-year-old Australian cricketer who joined Nottinghamshire last summer, has quickly become one of the greatest of our slow bowlers. Last summer he narrowly missed the "double." This season he was the first man to take 100 wickets.

**IN** a cricket match at Southall, Middlesex, the other day, a team was dismissed for 19. Of this total one man scored 18 (not out), the other run being a leg-bye.

**ALTHOUGH** Ken Wilmschurst has broken the 30-year-old English native long-jump record he cannot claim the title as he was born in Calcutta. He has, however, been awarded the Sir Harry Barclay Trophy for the best Surrey champion of the year. The Surrey Memorial Shield for the best junior has been awarded to M. Nugent, the young pole-vaulter from John Fisher's School,

Purley; and R. Hooper, a Mitcham javelin-thrower, has been awarded the Brookes Shield as the best youth.

**NEW** pupil for Franz Stampfl, the Austrian coach of Roger Bannister and Chris Chataway, is Ian Binnie, the Scottish middle-distance runner. Ian has never been coached, but Franz Stampfl thinks that within 18 months he could be the world's six-mile record-holder.

**ONE** cricket team that plays all its matches in September is the Cross Arrows C.C., whose membership is open to M.C.C. members and ground staff. The club, which was formed in 1875, plays only home matches—at Lord's.

**SOME** of the leading American and Finnish javelin throwers have been experimenting with a new javelin with which their performances have been bettered. The centre of gravity of the new javelin is as far forward as possible, but it is not known yet if this type of javelin complies with International rules.

**A** TEAM of West German athletes will visit Australia later this year to compete at Melbourne. Swimmers, cyclists, and oarsmen will be included in the contingent whose aim is to race under the conditions they will experience in the 1956 Olympic Games.

## SCHOOL FOR FOUR

The loneliest school in Britain is to be re-opened for the benefit of four boys and girls. It stands on the desolate islet of Soay, just off the south coast of Skye.

The deserted schoolhouse is to be repaired for the school-age children of three English families who have gone to live there. They have between them seven children from three to thirteen years old and a fourth family with two children is expected to arrive on the island soon. The former inhabitants, about 27 crofters and fishermen, were evacuated a year ago as they could not make a living.

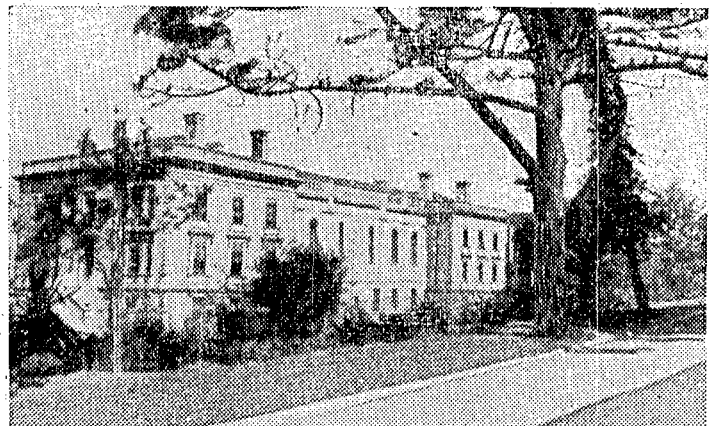
The adventurous newcomers face a tough life. Soay, three miles long and less than two wide, is often cut off from Skye by winter gales. The Gaelic-speaking people who lived there used paraffin lamps and peat fires. If they wanted a doctor from Skye they sent out a wireless message for which the current was generated by an old windmill.

Soay has no port and visitors get ashore by jumping onto the rocks from a rowing boat.

## YOUNG VOYAGER

Ten-year-old Julie Guest is on her way to New Zealand—alone. A relative went with her from her home in Derby, and saw her safely aboard the s.s. Captain Cook. After a five-week voyage she will see her parents for the first time in five years.

## AUSTRALIAN SCHOOL CENTURY



Sydney Grammar School

In 1854, when New South Wales was but a young colony, an Act of Parliament was passed incorporating Sydney Grammar School, and granting £20,000 for a building as well as an annual endowment of £1500.

For 100 years Grammar, as this great public school is affectionately known, has nobly served Australia.

Much of the credit for this was due to A. B. Weigall, headmaster for 46 years from 1866. He made Grammar one of the leading schools in Australia.

Another outstanding Sydney Grammar head was A. H. S. Lucas (1920-1923), described as "the most scholarly headmaster in the history of Australian public schools." He was able to teach no fewer than thirteen subjects, including mathematics, science, French, German, Latin, Greek, Portuguese, Italian, and Russian.

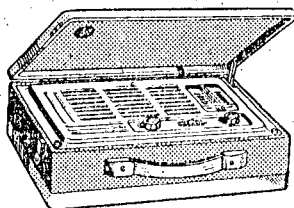
He had learned the Russian language in order to read an untranslated book on lizards.

The present headmaster is Mr. C. O. Healey, M.A., formerly a master at Christ's Hospital, Sussex. He is upholding Grammar's tradition most worthily.

The school is in College Street, in the heart of Sydney, and the average number of boys is 820.

To spur them on to great efforts, they have the example of a great number of their fore-runners, notably Edmund Barton, the first Prime Minister of Australia, and Sir Leslie Boyce who in 1952 became the first Australian-born Lord Mayor of London. The Rhodes Scholarship has been awarded to no fewer than thirteen old boys.

This fine school Down Under enters its second century with a truly inspiring record.



## C.N. Competition No. 8 Win This PORTABLE RADIO

HERE is a fascinating puzzle to amuse you—and a first prize that will give many hours of pleasure. This Regatta all-dry battery portable radio is to be won by the boy or girl who sends in the best entry to this week's competition. There will be 10s. Notes for the ten runners-up!

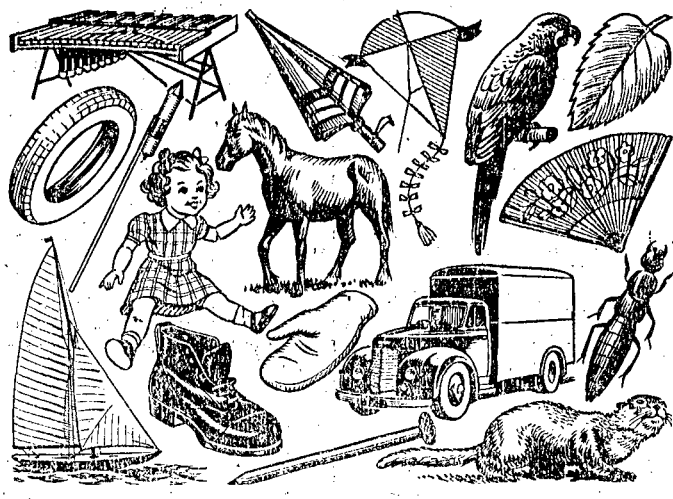
The picture below shows 17 objects, and the name of each begins with a different letter of the alphabet. All you have to do is name the nine remaining alphabetical letters that are not represented.

Write your answers neatly on a postcard or piece of plain paper, add your full name, age, and address, and ask an adult to sign the entry as your own unaided work. Attach to it the competition token (marked C.N. Token) from the back page of this issue, and post to:

C.N. Competition No. 8,  
3 Pilgrim Street, London, E.C.4 (Comp.),

to arrive by Tuesday, August 10, the closing date.

The contest is open to all readers under 17 living in Great Britain, Northern Ireland, and the Channel Islands. The portable radio will be awarded for the entry which is correct, or most nearly so, and the best written according to age. 10s. Notes will be awarded for each of the ten next best. The Editor's decision is final.



## PARENTS!

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Write for details of these courses stating the age of your child and the approximate date of taking the examination. Fees from £2 5 0.

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## THE BRAN TUB

### REFLECTIVE MOOD

"Why are you late?" said Johnny to his pal.

"Well," replied the other with a twinkle in his eye, "when I looked in the mirror I wasn't there, so I thought I'd gone to meet you. It wasn't till afterwards that I discovered that the glass had fallen out of its frame."

### SPOT THE . . .

BADGER as he stands at the entrance of his sett, suspiciously sniffing the night air. Should the wind carry your scent to his sensitive nostrils, he will hasten below earth; for



badgers are among the wariest of creatures.

It is dusk when old Brock begins to seek his food. Despite his size, he is not easily seen, so well does his grey coat and curiously striped head blend with patches of light and shadow.

His diet includes bulbs, berries, roots, fungi, nuts, slugs, snails, worms, and mice. Although normally inoffensive, badgers will fight with tremendous bravery if molested.

## BEDTIME CORNER

### Billy the gardener

IN the Spring, under Daddy's guidance, Billy had sown some lettuce seeds in a corner of the garden. Later, as they grew bigger, Daddy had shown him how to transplant them so that they would have more space in which to grow.

Billy was very proud of his lettuces. He watered them daily and watched them carefully to see that no insects or birds came near them.

Paul had laughed at him at first. "They won't grow," he had said scornfully.

He had not been so sure, though, when they had been transplanted and looked sturdy

and strong. And, oh dear! what a sorry face he pulled the other day when his mother found just as she was preparing a salad that the greengrocer had forgotten to send a lettuce.

"Do you think that Billy would let us have one of his?" she said. "Go and ask him, Paul."

Billy resisted the temptation to laugh as Paul came in and sheepishly asked him for a lettuce.

Billy went into the garden and pulled one out. Paul thanked him and went away, determined that next year he was going to grow lettuces.

### JOYS OF THE SEASIDE

A SANDY beach beside the sea, Is simply grand for Jack and me.

We build fine castles in the sun,

We bathe and have all kinds of fun.

Jack hunts for crabs and shrimps as well,

I pick up every pretty shell.

There's happy smiles on every face,

The seaside is the nicest place.



## HOLIDAY PUZZLE

Find the answers to these clues and you will discover the names of six holiday places.

Twice five preposition  
Rapid timber  
Scarlet automobile  
Intimidates  
Compass point termination  
Fresh landing place

Answer next week.

### London pride

LONDON Transport, now 21 years old, carries 12 million passengers a day and controls 14,000 vehicles.

### One better

"My father plays the piano by ear," boasted Freddie.

"That's nothing," returned Eddie. "My Dad fiddles with his whiskers."

### Billy the flier

SAID Billy to a bird:

"I'd really like to glide. I'll make some wings like yours. Then through the air I'll ride." With paper and with glue Some wings young Billy made. He climbed a cliff to jump, But then he felt afraid.

"Well, go on," said the bird.

So off the cliff Bill jumped

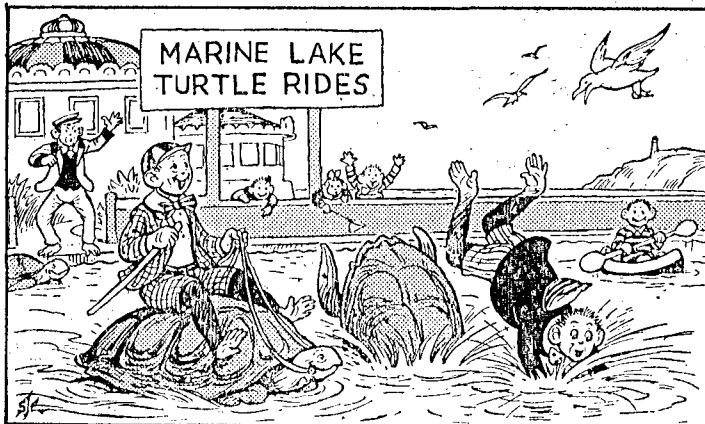
And landed with a jolt—

As from his bed he bumped!

### Tongue twister

WILLIE, wearily washing windows, wondered why windows wanted washing; while watching women wearily wondered which windows Willie'd washed.

## JACKO'S TURTLE GIVES HIM A DUCKING



Jacko and Chimp were having a turtle race on the Marine Lake at the seaside. It was unexciting until Jacko's turtle suddenly took a header under the water. "Perhaps," suggested Chimp afterwards, "it thought that as you wanted to go faster you had better go on alone."

### Which poet am I?

My first you may pick up beside the sea;

Add "e" to my second, and use it to see.

Handsome John Keats is oft linked with my name; Prometheus Unbound quickly increased my fame.

Shelley

### The fox's wish



I wish I were a little girl, In cotton dress and socks, With gentle ways and charming smile And lovely golden locks! And people all could see me Blowing dandelion clocks; And never say that anyone Is "Crafty as a Fox"

### Birds in a group

A GROUP of chickens is described as a brood, and a group of partridges is known as a covey.

### THREE-IN-ONE

SOUTH-EAST Asiatic State which used to have a white rajah He strove for the abolition of slavery

Ocean bird with enormous wing-span

East Coast fishing port

Fragrant herb

Musical composition introducing opera

District in East London

To find the answers to these clues link three of the letter-groups below. Write the answers in a list and you will find that their first and last letters spell the names of two birds.

ak Alb apel atr berf der ech ert est La Low oft orce oss Ov raw Sa ure ven Whit Wil

Answer next week

## SCOTLAND'S FIRST MINERS

COAL mining in Scotland was probably begun in the Lothians area when the Cistercian monks from the Abbey of St. Mary, founded by David I, started 800 years ago to dig out the "black stanes" from the banks of the River Esk.

At first the coal was given out to the poor as alms, but ancient records show that by the 16th century the Abbot was shipping coal to the Continent in exchange for other goods.

### In reverse

Prima Donna  
entrance  
face  
horned animal

The four-letter answers to the clues above, when reversed, will make four more words that fit the clues below.

Greedy  
measure  
set down  
water plant

Answer next week

## LAST WEEK'S ANSWERS

### In reverse

DRAY  
DINE  
DELF  
DRAW

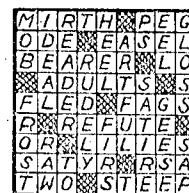
### Picture puzzle

Fox-glove, hare-bell, dog-rose, cow-slip, celtis-foot, cat-mint, sow-thistle, wolfsbane

YARD  
ENID  
FLED  
WARD

### Three-in-one

L. evitien S  
A. rmag H  
B. illingsgat E  
R. attlesnak E  
A. rebbisho P  
D. uckwee D  
O. port O  
R. eichsta G



## What's my name

Hello—we've met before—but do you know my name? Your mother and father have also seen me—possibly years ago when they were your age. But do they know me? Ask them, but don't let them see the answer, which is printed upside down below.



the word for Toffee

My name is Sir Kreamy Knut (yes, I spell it that way) and I remind you of Sharp's delicious Kreamy Toffees. Did they know? Ask some more of your friends.